

## The Science of Biology

Sr	Questions	Answers Choice
1	The branch deals with the study of the interrelationship of organism and their environment is called.	A. Environmental Biology B. Biotechnology C. Molecular biology D. Entomology
2	The study of the processes of heredity and variation in living organisms is known as.	A. Genetics B. Ecology C. Anatomy D. Proteomics
3	Study of insects is called	A. Ecology B. Genetics C. Immunology D. Entomology
4	You are doing a control experiment which	A. Proceeds slowly enough that a scientist can record the results B. May include experimental groups and control groups tested in parallel C. Is repeated many times to make sure the results are accurate D. Proceed slowly enough that a scientist can test predictions
5	What does the field of forensic science involve.	A. Garden management B. Drug development C. Livestock management D. Examination of evidence from crime scenes
6	How many people get lung cancer by smoking? This question can be answered through.	A. Biometry B. Biophysics C. Bio-economics D. Biogeography
7	Number of steps of biological method are.	A. Seven B. Six C. Two D. Eight
8	The study of plants is called	A. Botany B. Biology C. Zoology D. Microbiology
9	Match anatomy with one of the following	A. Physiology B. Genetics C. Morphology D. Embryology
10	Which of the following statements best distinguishes hypotheses from theories in science?	A. Theories are hypotheses that have been proven true B. Theories are based on limited data while hypotheses are based on wide range of data C. Theories are uncertain while hypotheses are certain D. Theories are educated guess while hypotheses are widely accepted explanation of natural phenomenon
11	What is the correct experiment to know that Plasmodium destroys blood cells?	A. Examine the blood of a single healthy person B. Examine the blood of some healthy and also some infected persons C. Allow mosquito to bite a healthy person and examine his blood D. Examine the blood of a single infected person
12	The logical consequences of hypothesis are	A. Theory B. Law C. Observation D. Prediction

D. Deduction

13	Which of the following profession deals with the diagnosis and treatment of diseases in human?	A. Medicine B. Farming C. Biotechnology D. Surgery
14	Which of the following is NOT a characteristic of the scientific method?	A. Hypothesis will always be correct B. It relies on evidence C. It involves formulating hypotheses D. It requires rigorous testing
15	The oldest known fossil is cyanobacterium estimated to be years old.	A. 3.5 billion B. 2.4 billion C. 1.4 billion D. 4 billion
16	The other name of environmental biology is	A. Ecology B. Biotechnology C. Microbiology D. Cell biology
17	Being a biological research worker, you are studying "Markhor" which branch of biology it will be	A. Zoology B. Biology C. Palaeontology D. Parasitology
18	The scientific method in biology starts with.	A. Deduction B. Hypothesis C. Recognition of a problem D. Analysis of results
19	Following are the characteristics of a good hypothesis EXCEPT.	A. Should be a complex statement B. Should be a tentative idea C. Should be testable D. Should agree with available observations
20	What does MBBS stand for?	A. Bachelor of Medicine and Bachelor of Surgery B. Master of Biology and Biological studies C. Bachelor of Medical Biological science D. Master of Biochemical biological studies